

Title (en)
Dumper vehicle

Title (de)
Fahrzeug mit Kipperaufbau

Title (fr)
Véhicule à benne basculante

Publication
EP 2112018 A1 20091028 (FR)

Application
EP 09290279 A 20090416

Priority
FR 0802212 A 20080421

Abstract (en)
The vehicle e.g. public utility vehicle (1), has a tilting cylinder (8) whose end is articulated on a box (6) for tilting the box around a tilting axis (X-X) with respect to a metallic frame (4). A deployment cylinder (17) has an end articulated on crutch type support units constituting a transversal longeron (15) and rods (16) for reversibly deploying the support units between a remote retracted position of a support surface i.e. ground (2), and a deployed position. The cylinders form a tilting and deployment unit for forming a variable length stay between the box and the support units.

Abstract (fr)
- Véhicule à benne basculante. - Selon l'invention, le véhicule (1), pourvu d'une benne (6) et de moyens de basculement (8) de celle-ci, comporte des moyens d'appui (15,16) montés sur le châssis (4) du véhicule (1) et des moyens de déploiement (17) de ces moyens d'appui (15,16), les moyens de basculement (8) et les moyens de déploiement (17) formant une unité de basculement et de déploiement (8, 17) sans point d'attache sur ledit châssis (4).

IPC 8 full level
B60P 1/04 (2006.01)

CPC (source: EP)
B60P 1/045 (2013.01); **B60P 1/34** (2013.01)

Citation (search report)
• [YA] US 3880469 A 19750429 - HARROM HARLEY A
• [A] US 2350141 A 19440530 - WOOD LOUIS S
• [Y] JP S60163742 A 19850826 - TOKYU CAR CORP
• [A] DE 29616392 U1 19980430 - SPITZER SILO FAHRZEUGWERK GMBH [DE]
• [A] US 2251435 A 19410805 - ANTHONY WILLIAM C

Cited by
EP3730344A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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